

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

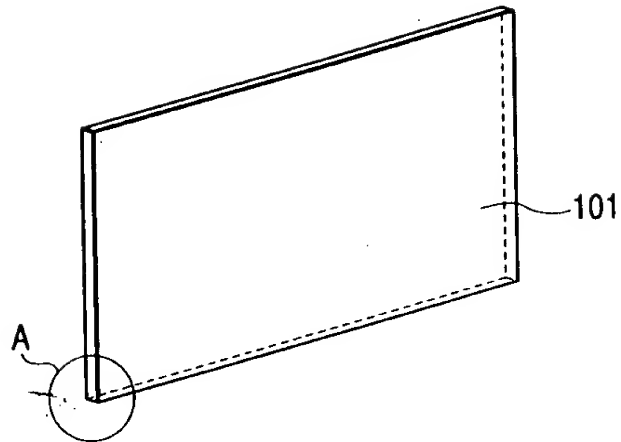
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

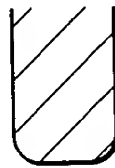
**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

**FIG. 1A**

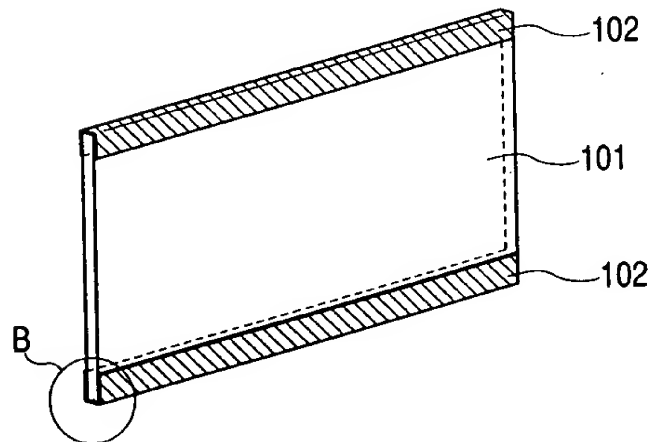


**FIG. 1B**

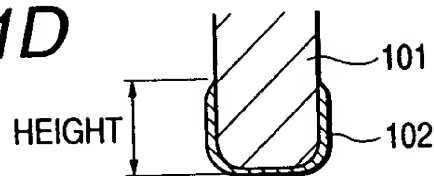


DETAIL OF SECTION A

**FIG. 1C**

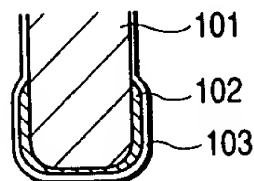


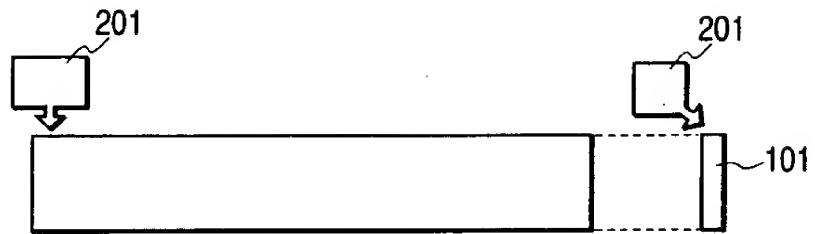
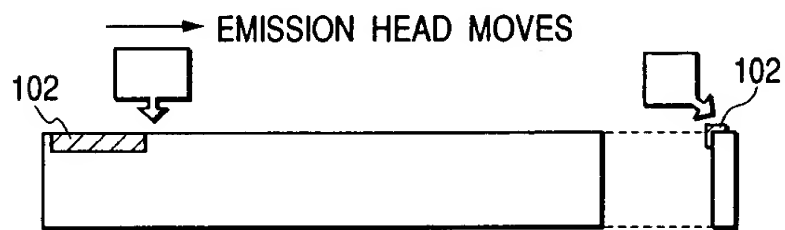
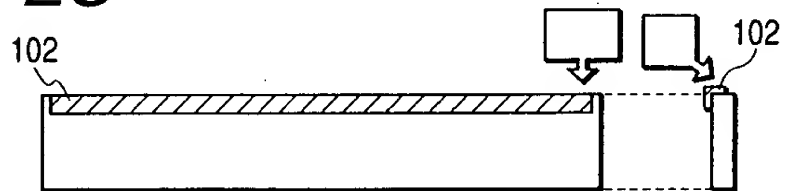
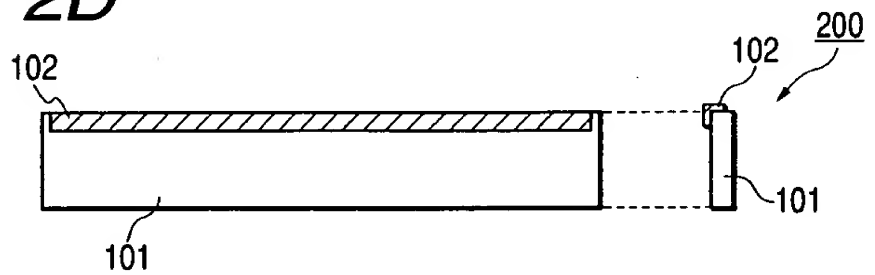
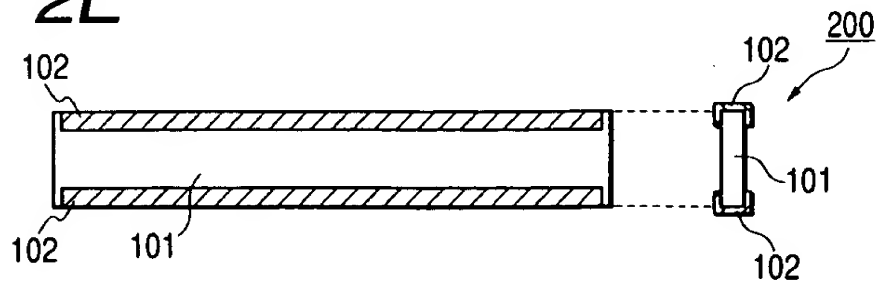
**FIG. 1D**



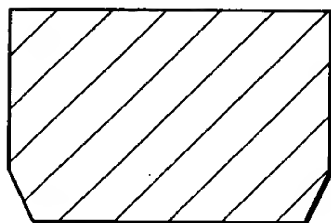
DETAIL OF SECTION B

**FIG. 1E**

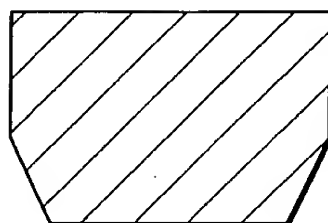


**FIG. 2A****FIG. 2B****FIG. 2C****FIG. 2D****FIG. 2E**

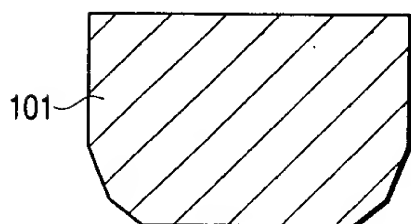
**FIG. 3A-1**



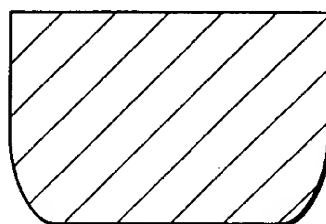
**FIG. 3A-2**



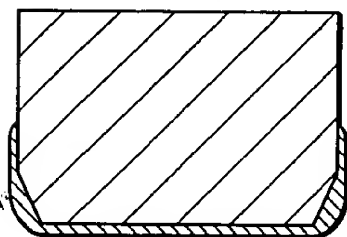
**FIG. 3A-3**



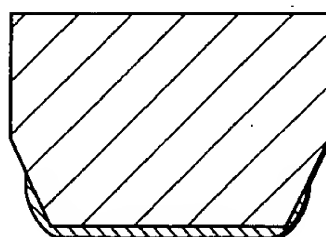
**FIG. 3A-4**



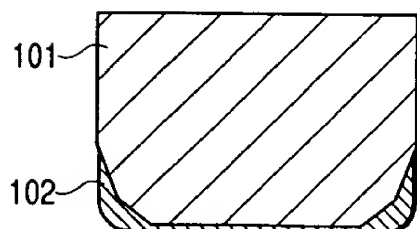
**FIG. 3B-1**



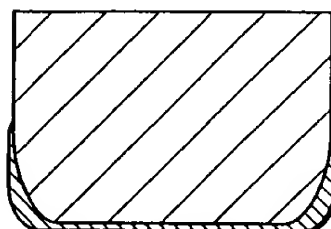
**FIG. 3B-2**

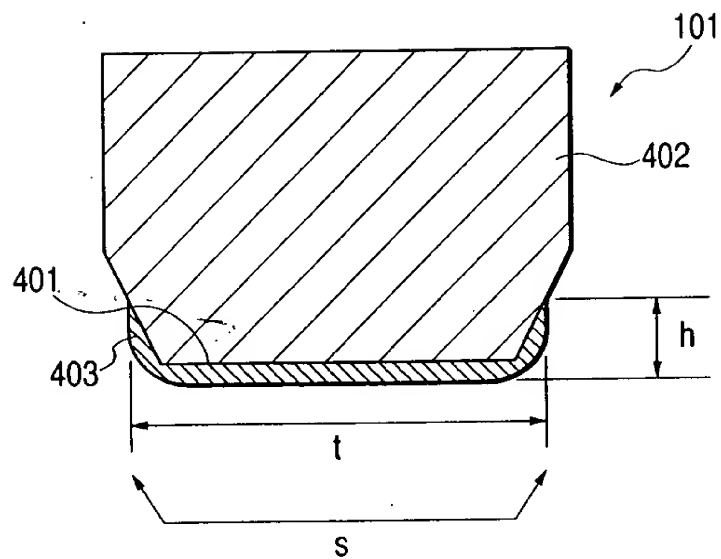
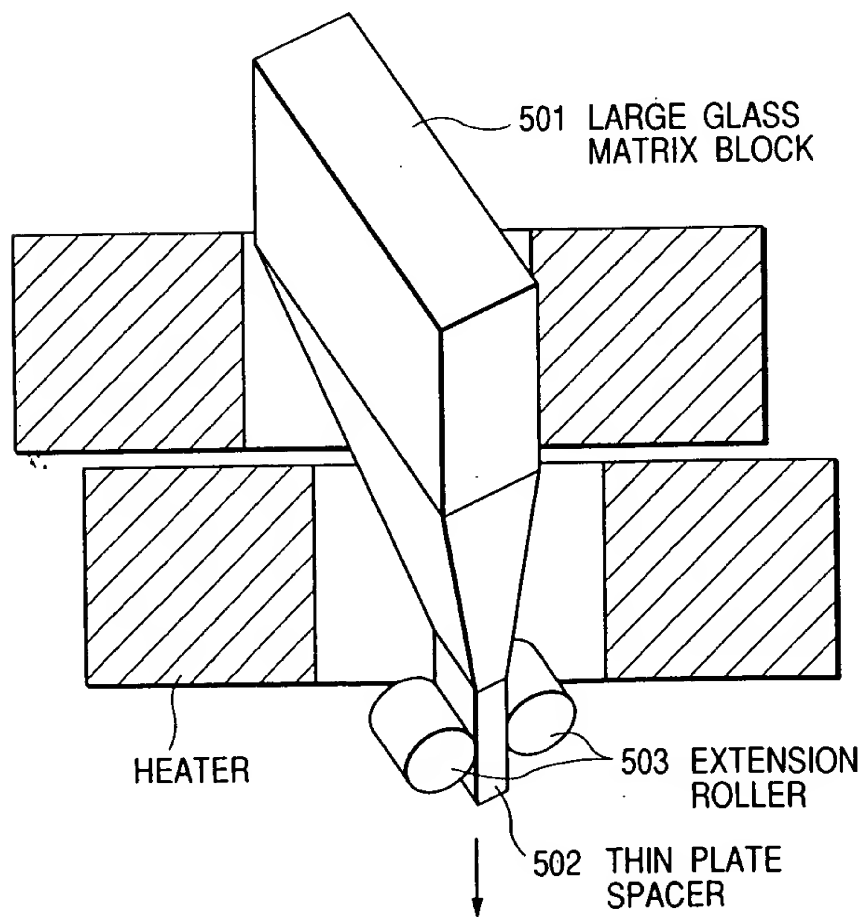


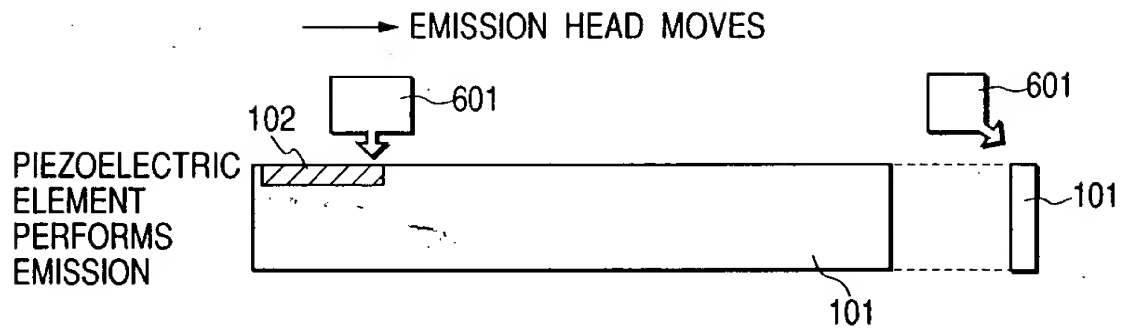
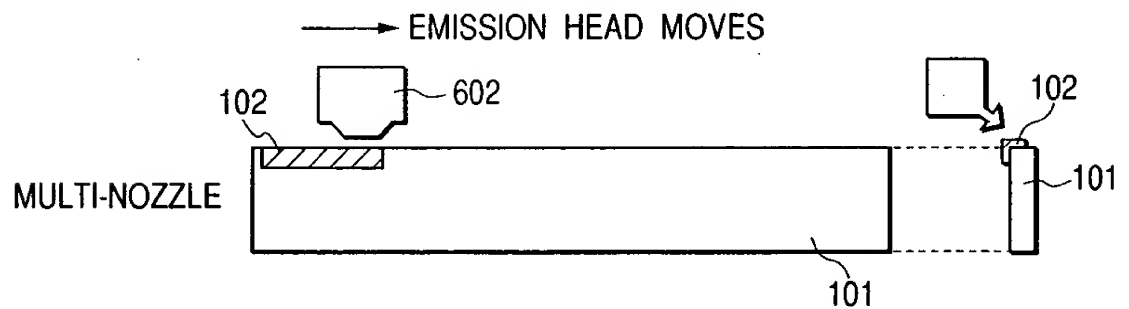
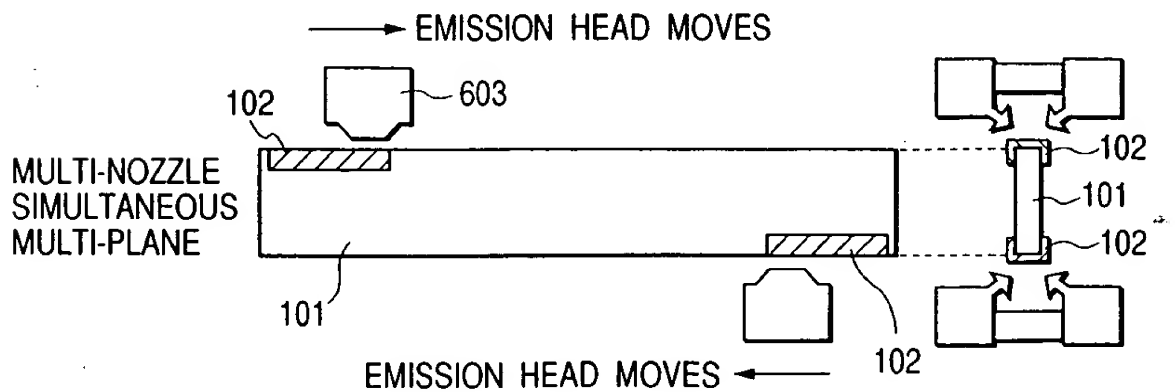
**FIG. 3B-3**

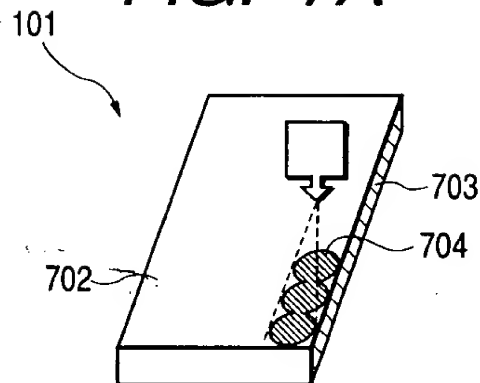


**FIG. 3B-4**

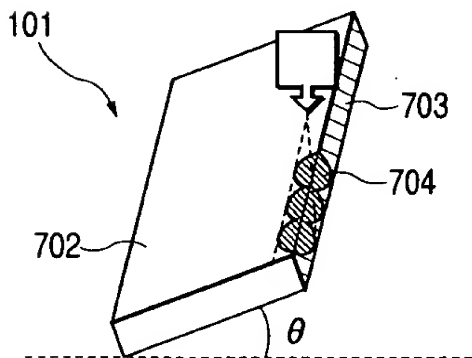


**FIG. 4****FIG. 5**

**FIG. 6A****FIG. 6B****FIG. 6C**

**FIG. 7A**

EMIT PERPENDICULARLY  
(LAID HORIZONTALLY)

**FIG. 7B**

EMIT IN INCLINED DIRECTION  
(LAID INCLININGLY)

SIDE SURFACE AND BOTTOM  
SURFACE FORMED SIMULTANEOUSLY

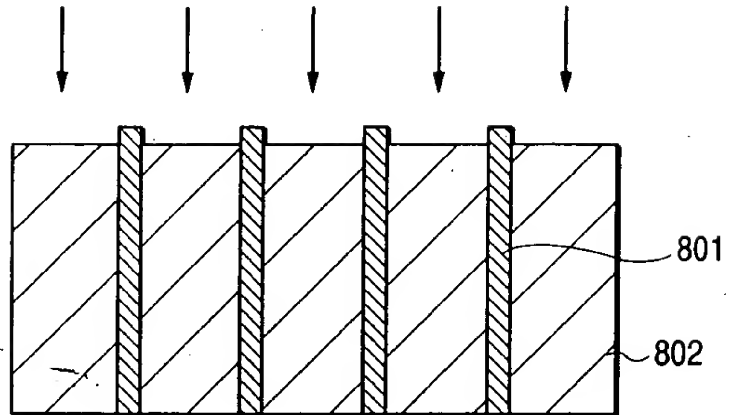
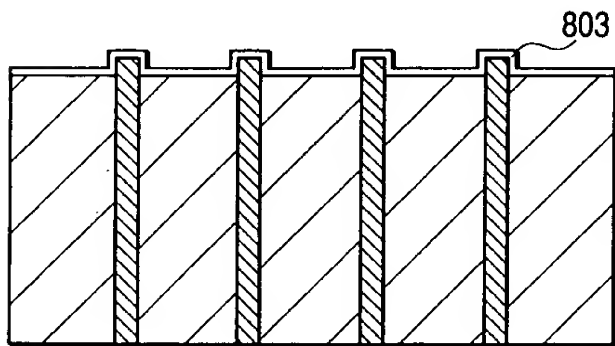
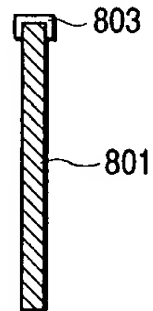
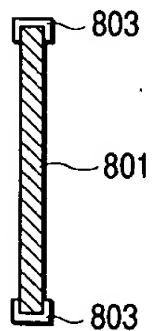
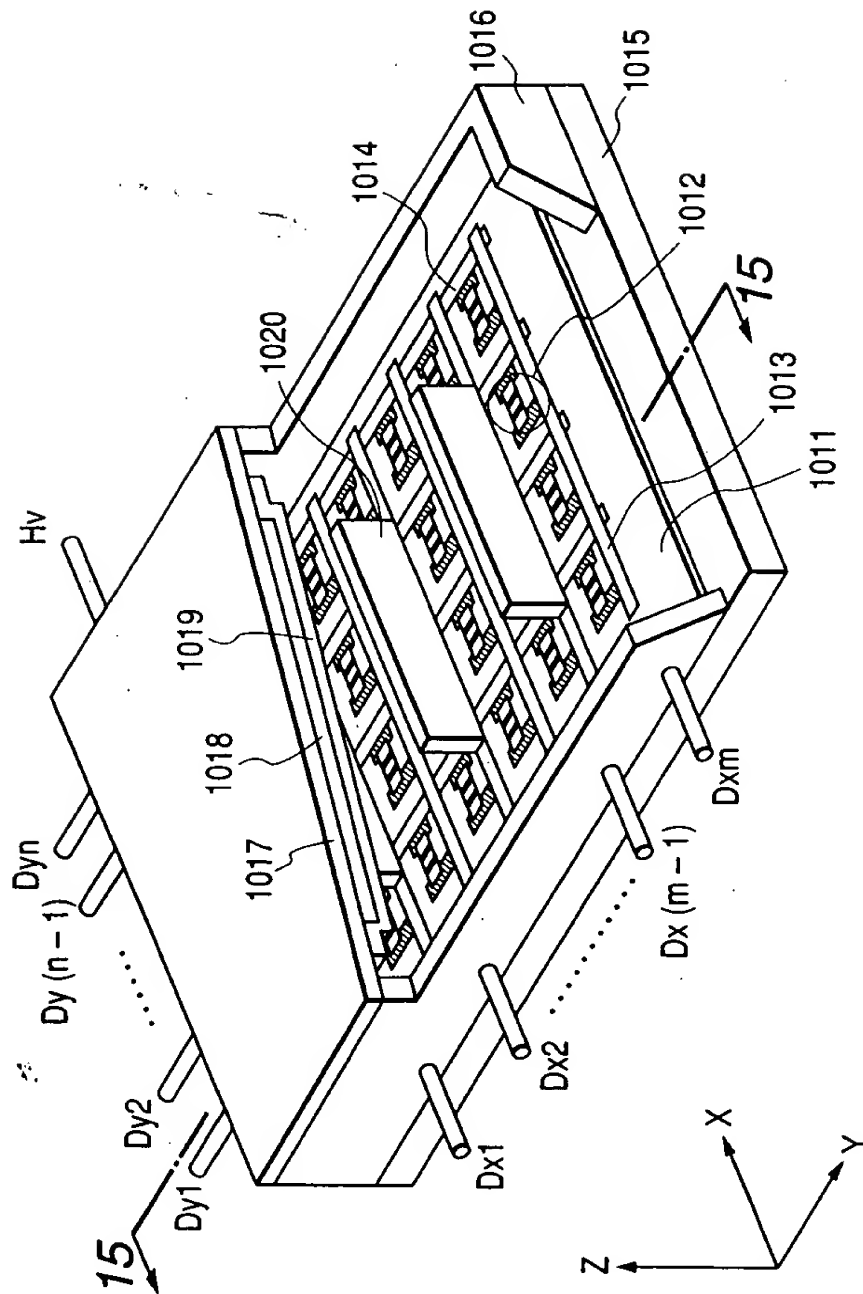
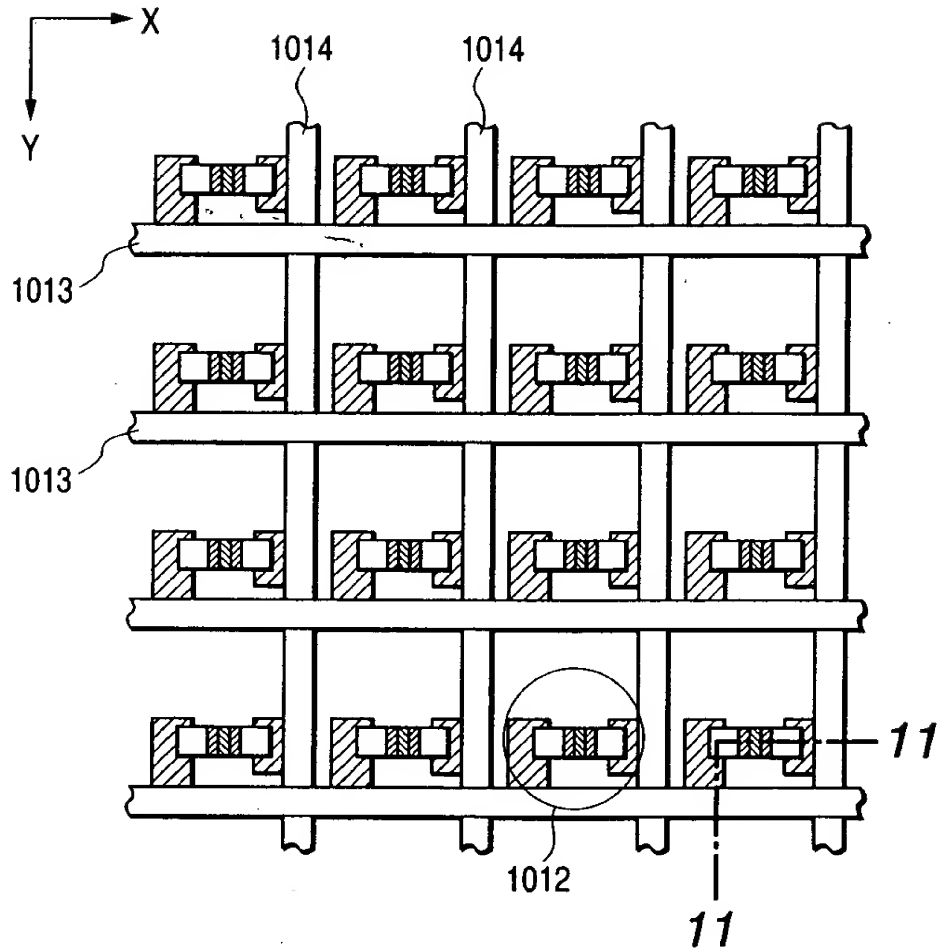
**FIG. 8A****FIG. 8B****FIG. 8C****FIG. 8D**



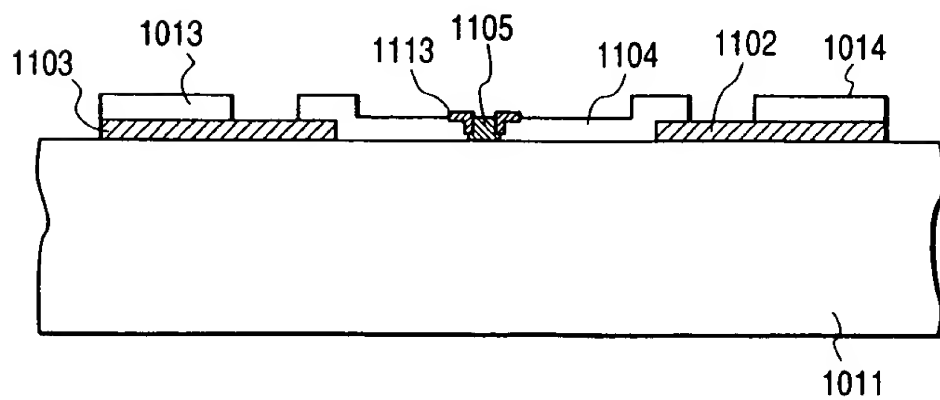
FIG. 9



**FIG. 10**

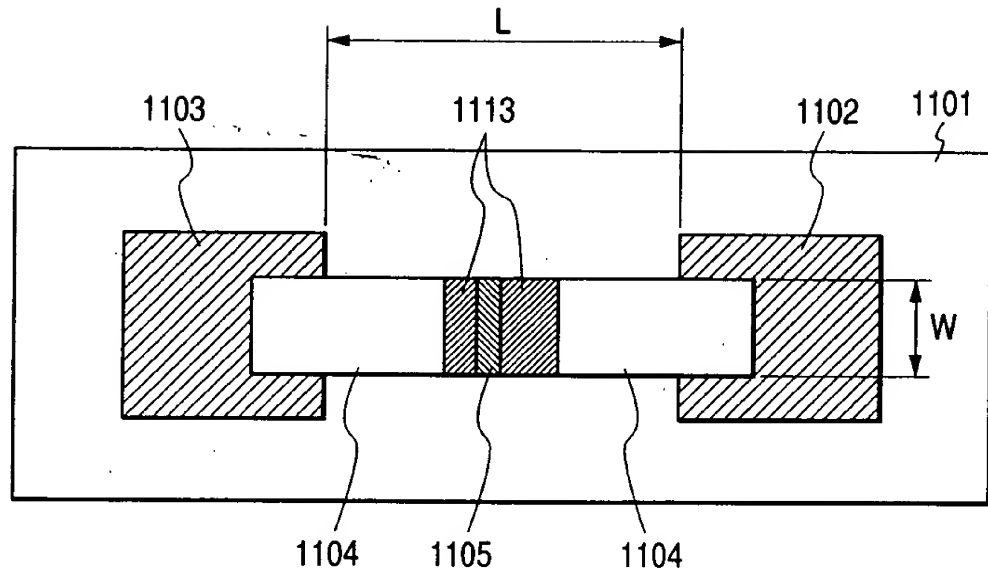
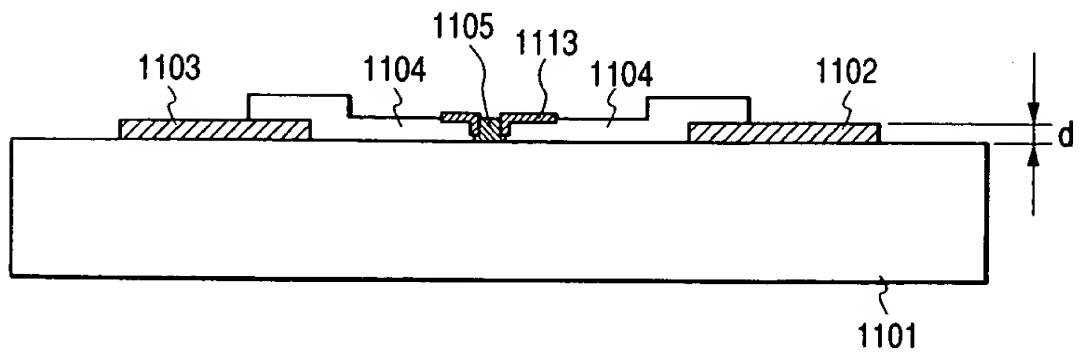


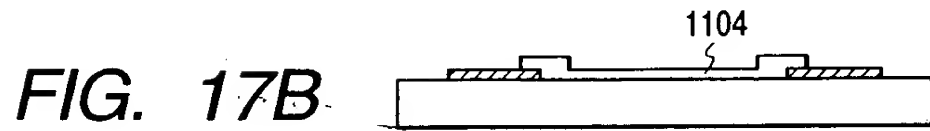
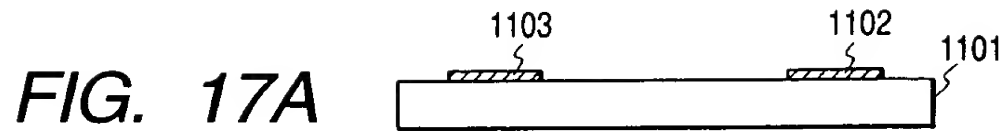
**FIG. 11**



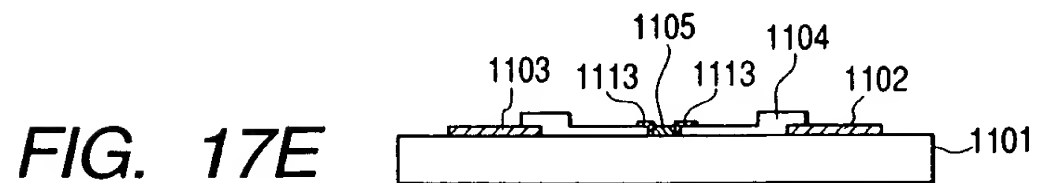
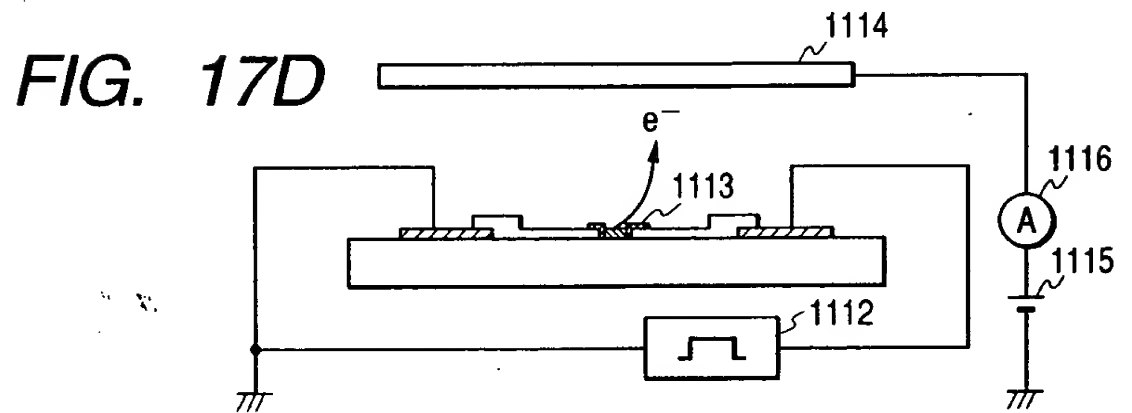
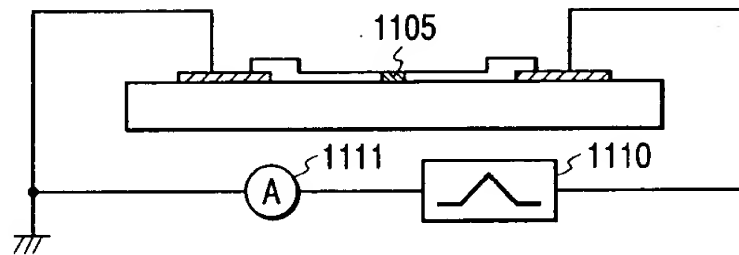


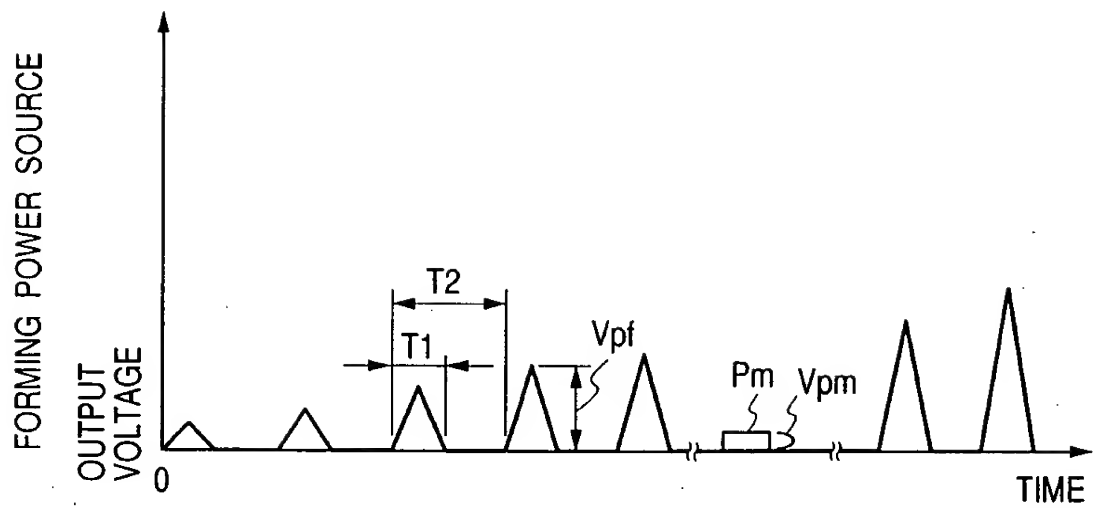


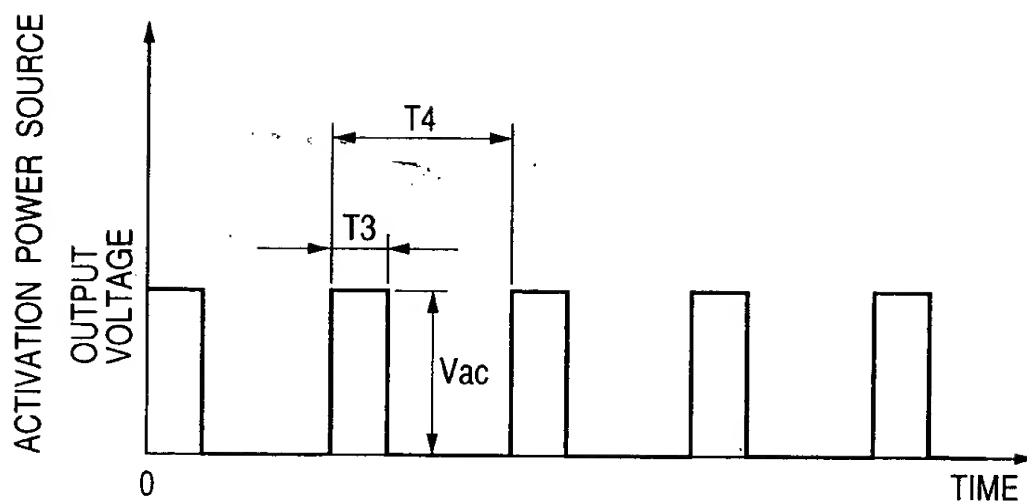
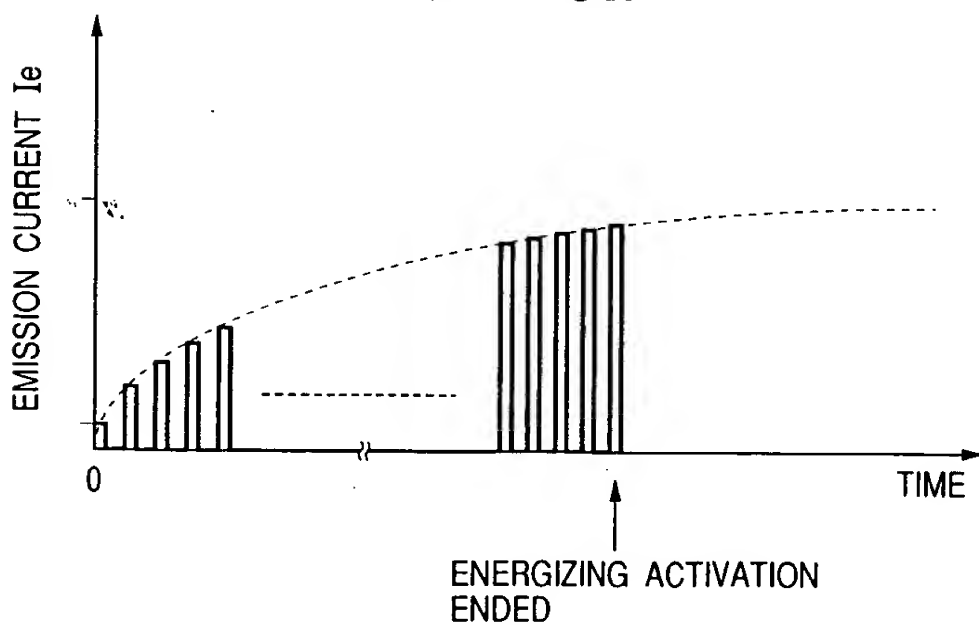
**FIG. 16A****FIG. 16B**



**FIG. 17C**



**FIG. 18**

*FIG. 19A**FIG. 19B*



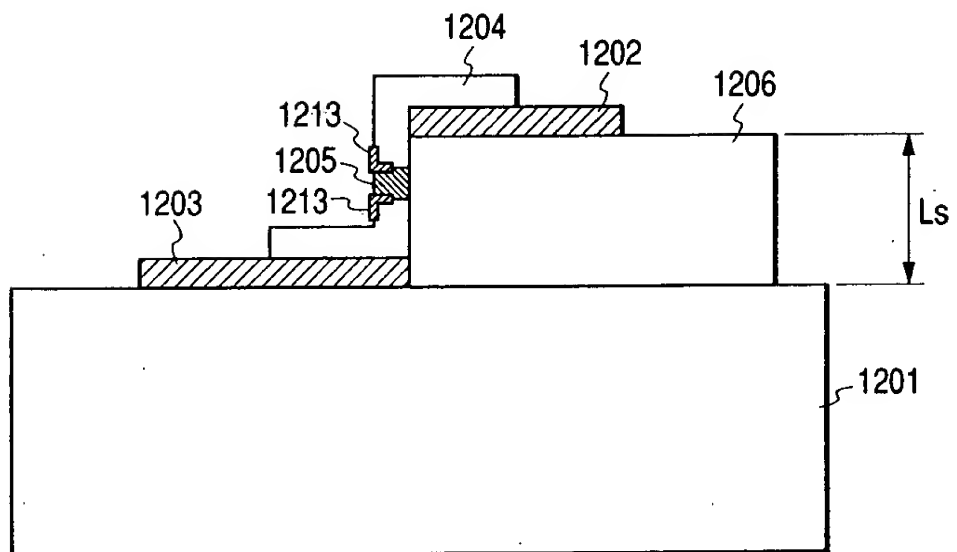
*FIG. 20*

FIG. 21A

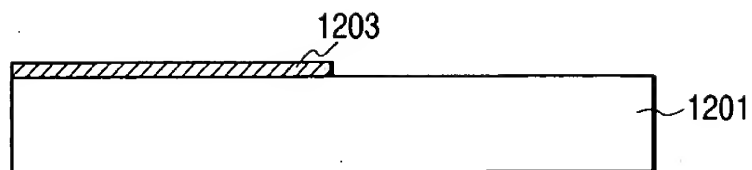


FIG. 21B

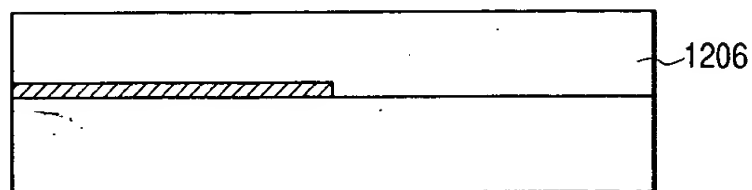


FIG. 21C

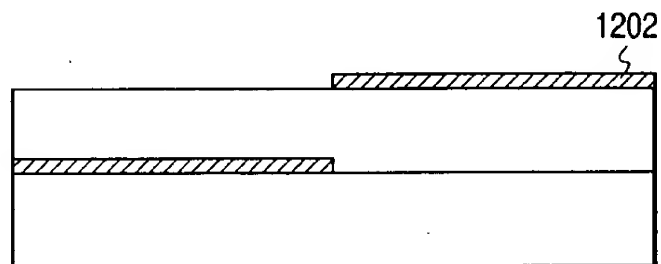


FIG. 21D

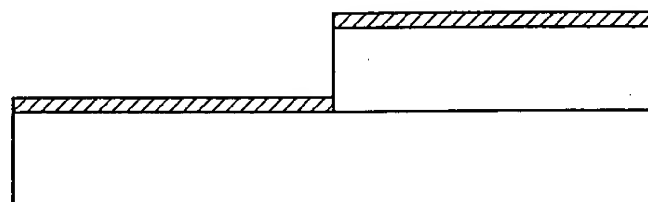


FIG. 21E

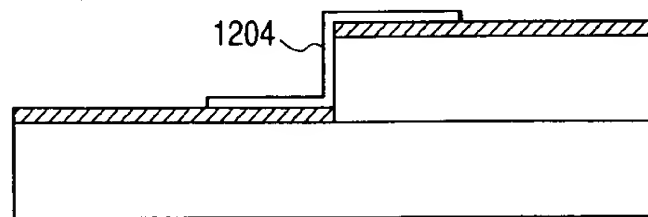
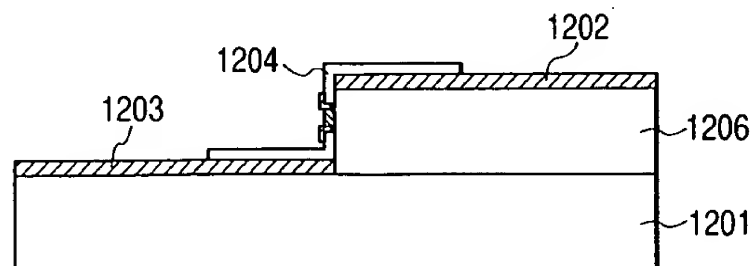


FIG. 21F



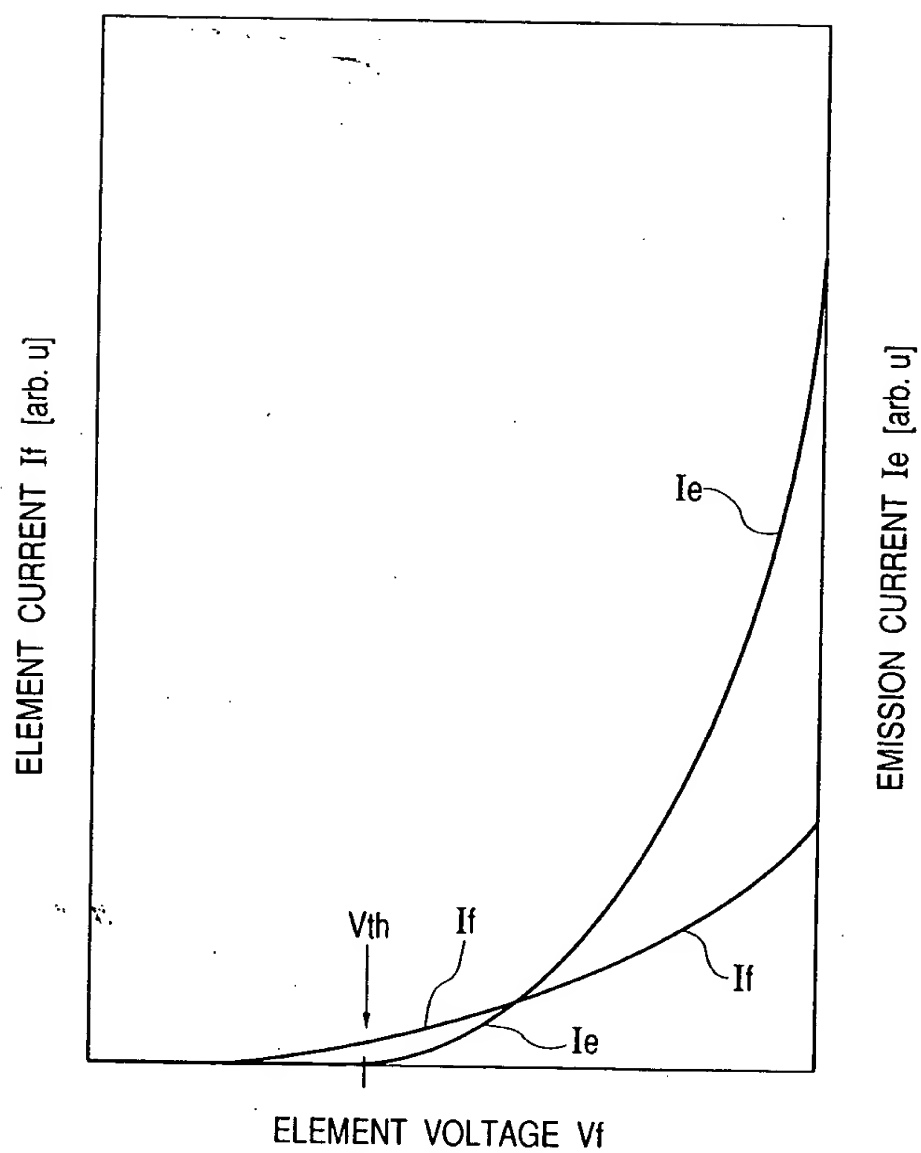
**FIG. 22**

FIG. 23

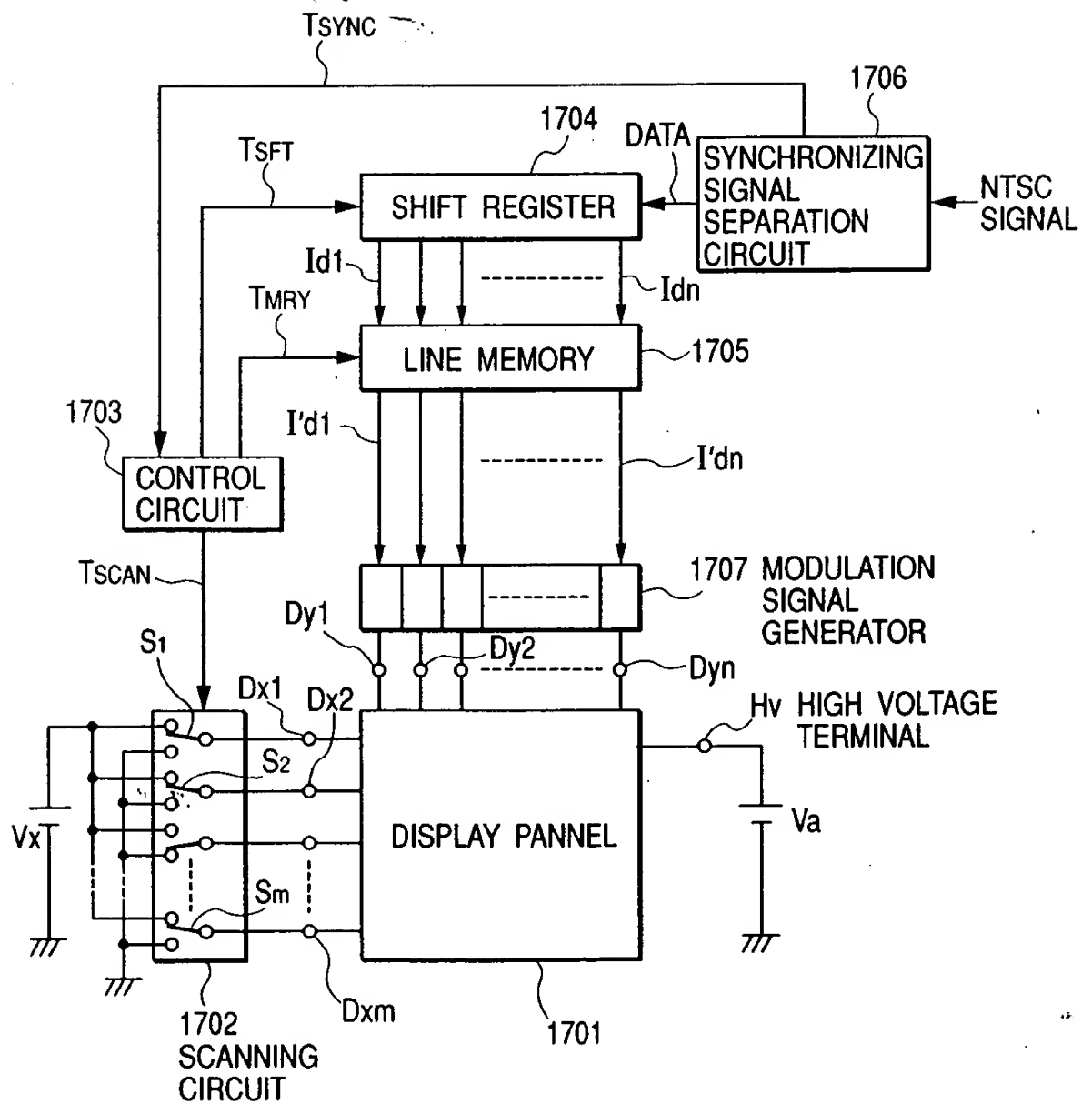


FIG. 24

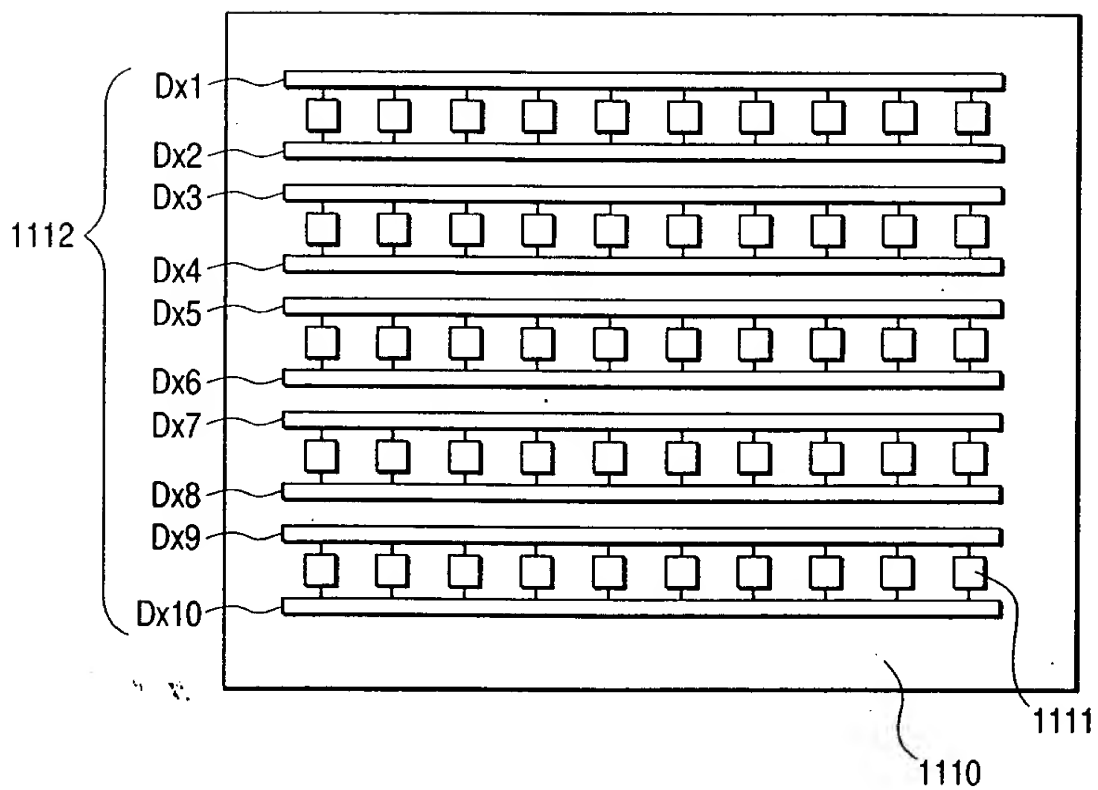
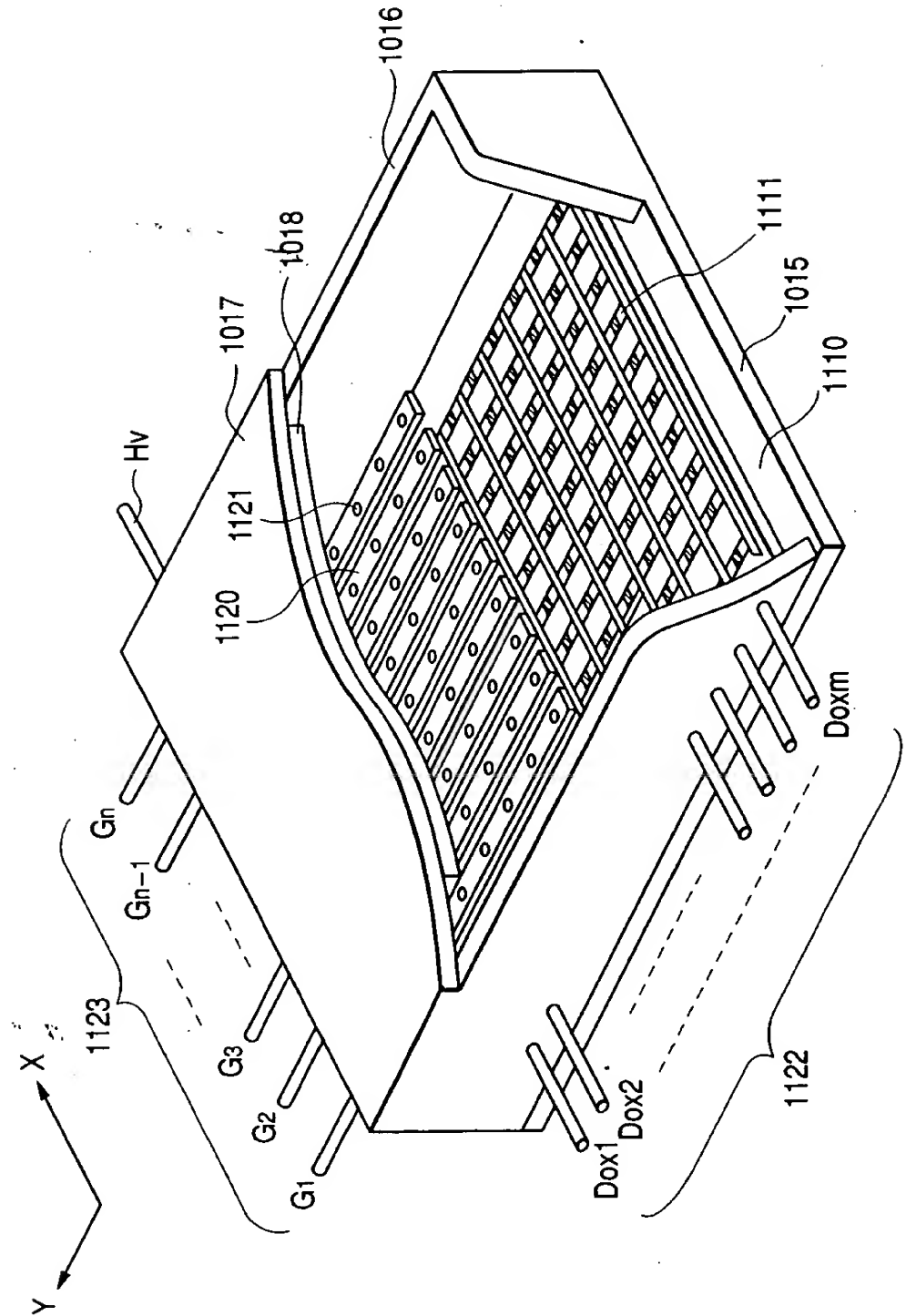
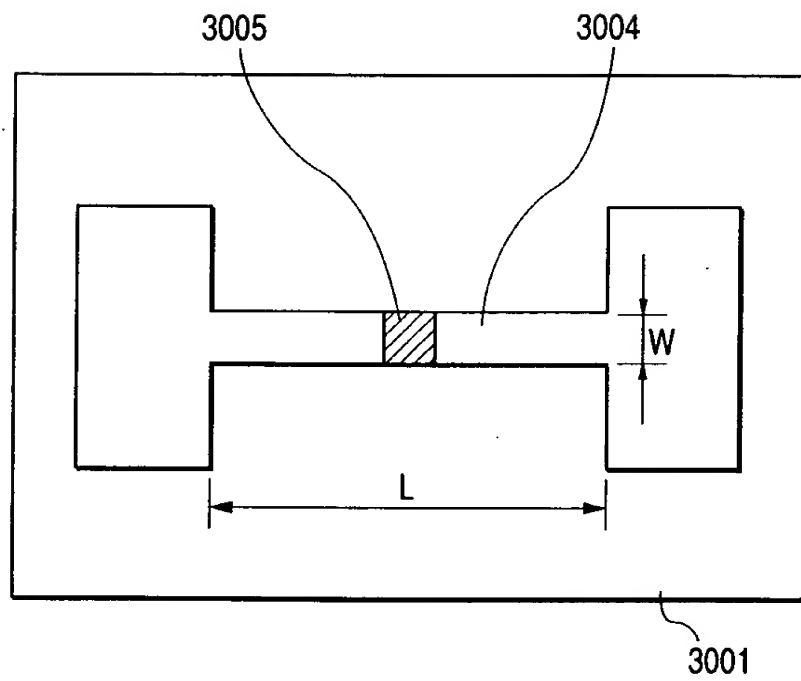


FIG. 25



**FIG. 26**

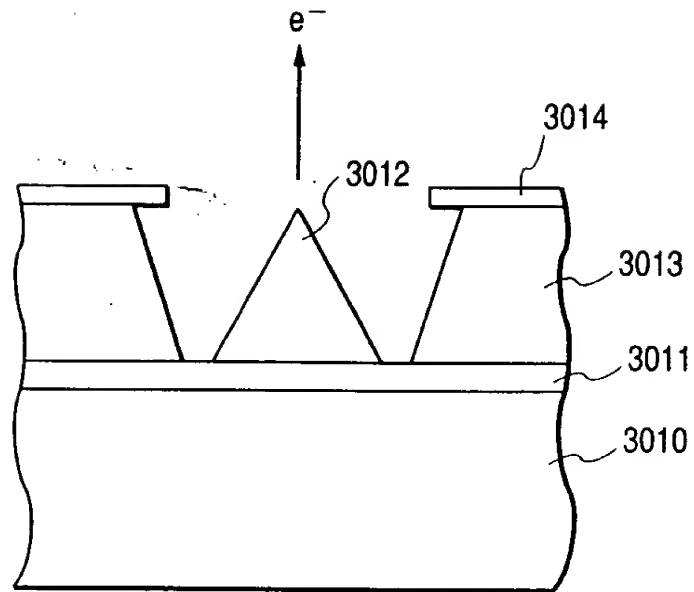
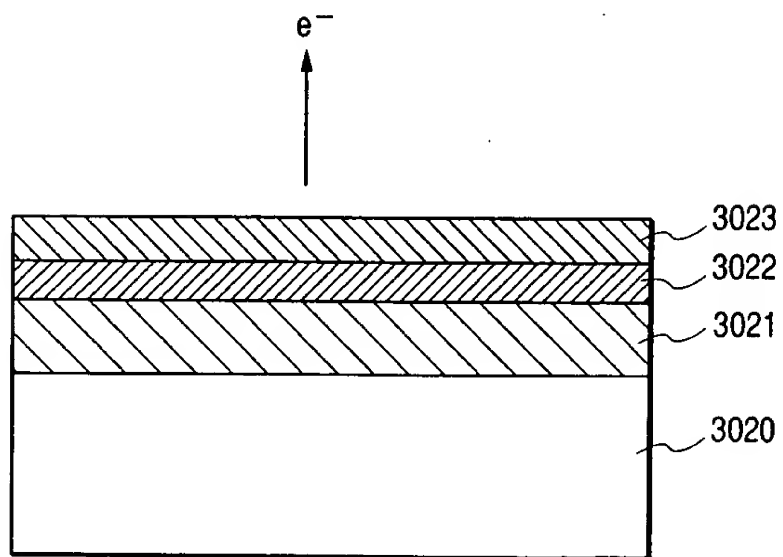
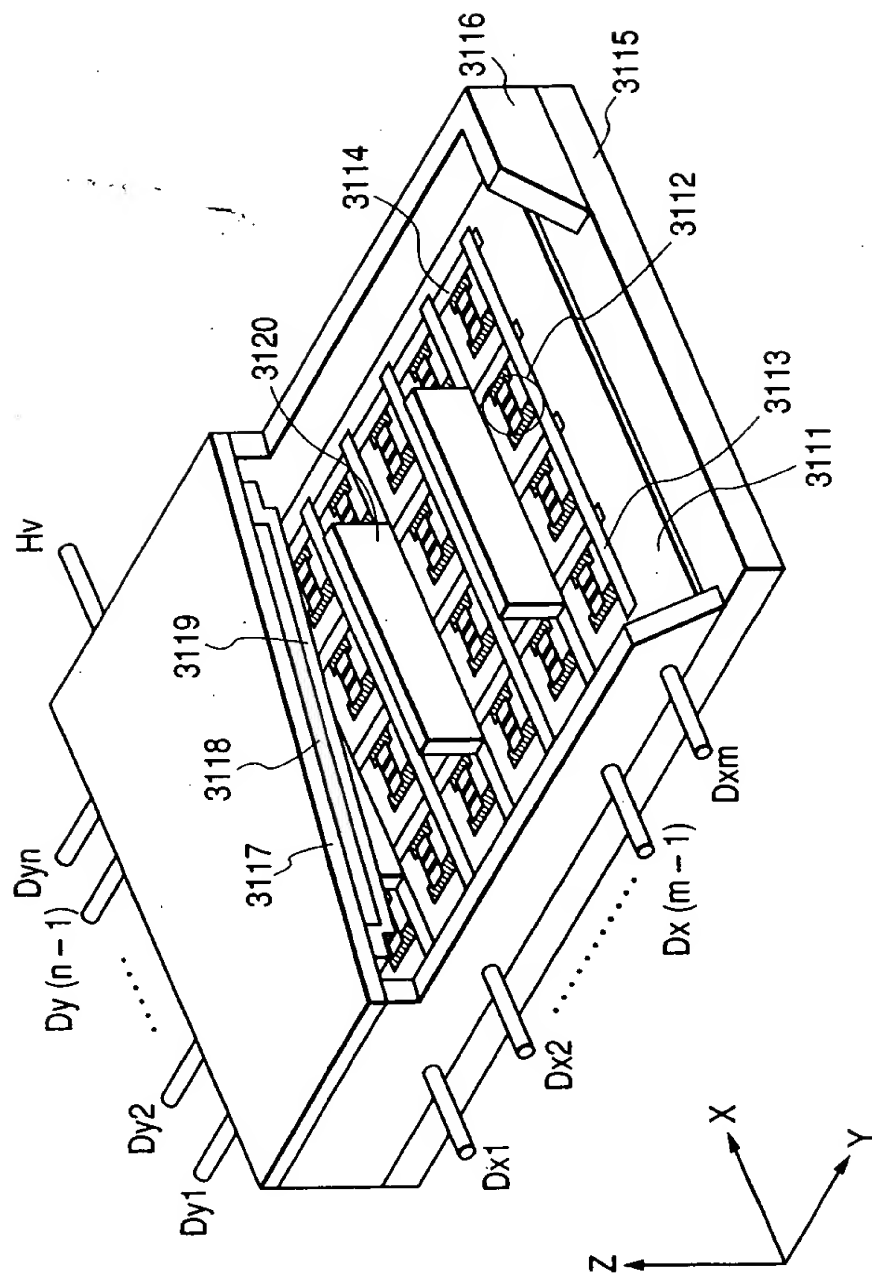
**FIG. 27****FIG. 28**



FIG. 29



**FIG. 30**

